**SONY**

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# DCR-SR77E

▸ http://www.sony.co.uk

Light and compact, quality video and surround sound onto high capacity HDD

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## Features

Please be aware that the features/specifications can differ from country to country.

- Records up to 61 hours of high quality Standard Definition video on 80GB hard drive plus HYBRID recording on optional Memory Stick™
- High quality 1 megapixel CCD sensor
- Carl Zeiss Vario-Tessar lens with 25x optical zoom / 2000x digital zoom.
- SteadyShot image stabilization for clearer video and stills when shooting handheld
- 1 megapixel still photo recording onto internal HDD or removable Memory Stick™
- Face Index and Film Roll Index for quick, easy searches
- 2.7" Wide LCD with easy to use touchscreen
- Power on by LCD: quick start-up from standby with ultra-low power consumption in sleep mode
- 5.1 surround sound recording with zoom mic for clearer dialogue and sound of foreground subjects
- Up to 10 hours STAMINA continuous shooting time (with optional battery)
- One Touch Disc Burn and Easy PC back up via USB 2.0 Hi-Speed connection (Output only)
- DVDirect™ Express compatible: allows high-speed burning to disc with VRD-P1 DVD writer
- Fun, easy to use Picture Motion Browser PC software for managing and uploading video and photos in calendar view

# Technical specifications

## Audio

| | |
|---|---|
| Audio System | Dolby Digital 5.1ch |
| Audio Dubbing 12bit | NO |
| Built in Microphone | 3ch, zoom microphone |
| Built in Speaker | YES |
| Surround Recording | YES |

## Camera

| | |
|---|---|
| Image Device: Size | 1 / 6" CCD |
| 14bit DXP | NO |
| ClearVid arrey technology | NO |
| Exmor technology | NO |
| Advanced HAD technology | YES |
| x.v.Colour | NO |
| Number of Pixels Gross (K) | 1070 |
| Number of Pixels Act Camera mode (K) | 16:9 Mode . 670 / 4:3 Mode . 630 |
| Number of Pixels Act Memory mode (K) | 16:9 Mode . 750 / 4:3 Mode . 1000 |
| Focus: Full Range Auto | YES |
| Focus: Manual | YES |
| Manual Focus Key | Panel |
| Spot Focus (Touch Panel) | YES |
| Spot Meter | YES |
| Minimum Illumination (lux) | 8 |
| Minimum Illumination with NightShot (lux) | 0 |
| SteadyShot (Image Stabilisation) | YES (Electronic) |
| Optical SteadyShot Active Mode | NO |
| Face Detection | NO |
| Smile Shutter | NO |
| D-range Optimiser | NO |
| Night Shot | NO |
| Camera Noise Reduction | YES |
| Shutter Speed | 1/3-1/3500 (including Scene Selection) |
| White Balance | Auto / Outdoor / Indoor / One-push |
| Scene Selection | Twilight / Sunrise & Sunset / Fireworks / Landscape / Portrait / Spotlight / Sports (Movie only) / Candle / Beach / Snow |
| Auto Slow Shutter | YES |
| Colour Slow Shutter | YES |

| | |
|---|---|
| Backlight Compensation | YES |
| Smooth Slow Rec | NO |
| Interval Rec. | NO |
| Fader | Black / White |
| Telemacro | YES |

## Dimensions

| | |
|---|---|
| Depth (mm) | 105 |
| Height (mm) | 68 |
| Width (mm) | 60 |
| Weight without Tape/Battery (g) | 300 |

## Flash / Light

| | |
|---|---|
| Flash | NO |
| Flash Automatic Pop Up | NO |
| Hologram AF | NO |
| Night Framing | NO |

## Jacks

| | |
|---|---|
| Audio Input | NO |
| Audio Output | YES |
| Video Input | NO |
| Video Output | YES |
| S-Video Input | NO |
| S-Video Output | YES (with optional accessory cable) |
| i.LINK (DV) Input | NO |
| i.LINK (DV) Output | NO |
| USB Input | NO |
| USB Output | YES (USB 2.0 Hi-Speed) |
| External Microphone Input | NO |
| Headphone Jack | NO |

## Lens / Zoom

| | |
|---|---|
| Lens | Carl Zeiss Vario-Tessar |
| F | 1.8-3.2 |
| f (Focal Distance) (mm) | 2.5-62.5 |
| f (35mm conversion): Camera mode (mm) | 16:9 Mode . 41-1189 / 4:3 Mode . 43-1075 |
| f (35mm conversion): Memory mode (mm) | 16:9 Mode . 39-975 / 4:3 Mode . 36-900 |
| Filter Diameter (mm) | 30 |
| Zoom Ratio (Optical) | 25 |
| Zoom Ratio (Digital) | 2000 |
| Precision Digital Zoom | NO |
| Zoom Key | |

| | Lever / Button on LCD frame |
|---|---|

### Still Image Recording

| | |
|---|---|
| Still image recording on Memory Stick | YES |
| Still image recording on internal HDD | YES |
| Compression of still image | JPEG |
| Recording Media | Memory Stick Duo |
| Memory Stick PRO Compatibility | YES |
| Image Size: Max | 1152 x 864 (1M) |
| Image Size: VGA | 640 x 480 |
| Burst Record Auto Exposure Bracketing | NO |
| Burst Record Multi 9 Pictures | NO |
| Index Playback | YES |
| Memory Mix | NO |
| PictBridge compatibility | YES |
| Still Recording during Movie (Dual Rec) | NO |

### Others

| | |
|---|---|
| 16:9 Wide (Full) Recording | YES |
| Start / Stop Rec button on LCD | YES |
| Zoom button on LCD | YES |
| Automatic Geotagging by GPS | NO |
| BRAVIA Sync | NO |
| Accessory Shoe | NO |
| Battery Info | YES |
| Built in Light | NO |
| Demonstration Mode | YES |
| InfoLITHUM System | YES |
| Picture Effects | NO |
| Digital Picture Effects | NO |
| Power Consumption : LCD (W) | 2.5 |
| Continuous Recording Time with Supplied Battery and LCD backlight off (min) | 130 |
| Max. Continuous Recording Time with Optional Battery and LCD backlight off (min) | 625 |
| Progressive Recording Mode | NO |
| USB Streaming | NO |
| Easy Handycam | YES |

### Supplied Accessories

| | |
|---|---|
| AC Adaptor | AC-L200 |
| AV Cable | Multi AV (no S-cable) |
| Rechargeable Battery Pack | NP-FH50 |
| Handycam Station | NO |
| USB Cable | YES |

| | |
|---|---|
| USB Driver | YES |
| Editing Software | Picture Motion Browser |
| Stylus Pen | NO |
| Shoulder Strap | NO |
| Wrist Strap | NO |
| Tape / Cleaning Tape | NO |
| Wireless Remote Commander | NO |
| 21 Pin Adaptor | NO |

## View Finder / LCD Monitor

| | |
|---|---|
| Hybrid LCD Screen | YES |
| LCD: Size (inch) | 2.7 |
| LCD: Pixels (dots) | 123200 |
| Touch Panel | YES |
| Viewfinder | NO |

## Recorder/ Player

| | |
|---|---|
| Movie Format | Standard Definition, MPEG2 |
| Recording Media | 80GB Hard Disk Drive, Memory Stick |
| HYBRID (Movie rec on Memory Stick) | YES |
| HYBRID Plus (Movie rec on internal memory and Memory Stick) | NO |
| Movie Quality | HQ (9Mbps) / SP (6Mbps) / LP (3Mbps) |
| Visual Index | YES |
| Face Index | YES |
| Film Roll Index | YES |
| Map Index | NO |
| Playlist Edit | Add / Delete / Move |
| Original Edit | Delete |
| Highlight Playback | NO |
| One Touch Disc Burn Button | YES |
| Dubbing Button | NO |
| NTSC Playback on PAL TV | NO |
| Playback Zoom | YES |
| Signal Convert Function | NO |

## Accessories

### Batteries & Chargers

DCC-L50B

## Docking Stations & Cables

VMC-14UMB2

## Tripods

VCT-R640                    VCT-R100                    VCT-1500L

VCT-MTK

## Other Accessories

GPS-CS3KA              GPS-CS1KASP              GPS-CS1KA

GPS-CS1                 KK-LC3

## Other accessories

GPS-CS1KASP              GPS-CS1KA              GPS-CS1

VCT-1500L

## Batteries & Chargers

| NP-FH100 | NP-FH70 | NP-FH50 |
|---|---|---|

| AC-VQH10 | BC-TRP | DCC-L50B |
|---|---|---|

## Cases

| LCS-MX100 | LCS-MX50 | LCS-X30 |
|---|---|---|

| LCS-X20 | LCS-X10 | LCS-AJA |
|---|---|---|

| LCS-CXA | LCS-BBD |
|---|---|

## Flashes & Lights

HVL-10NH

## Lenses & Filters

| VCL-0630X | VCL-2030X | VCL-E07A |
|---|---|---|

| VCL-HA07A | VCL-HA20 | VCL-HGA07 |
|---|---|---|

VCL-HGE07A       VCL-HG0730A       VCL-HG1730A

## Tripods

VCT-80AV       VCT-60AV       VCT-50AV

VCT-R640       VCT-R100       VCT-1500L

VCT-MTK

## Sports Packs

SPK-HCE

## Accessory Kits

ACC-WLH6       ACC-ASH6       ACC-EXH6

ACC-FH60B       ACC-FH70       ACC-TCH5

## Other Accessories

GPS-CS3KA       GPS-CS1KA       KK-LC3

RM-AV2                    VCT-S30L                    GPS-CS1

PCK-L27W